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ABSTRACT

This Los Rios Community College District (LRCCD) report profiles the enrollment patterns of recent high school graduates who attend Los Rios Colleges. It includes data on participation rates from all feeder high schools in the greater Sacramento area, and provides insights as to where participation growth and decline occur. The cohort includes students enrolled at Los Rios colleges from fall 1993 to fall 1996 who are 19 years or younger, received a high school diploma, and last attended high school in the year specified. The report begins with a district composite, then provides enrollment information on American River College, Cosumnes River College, and Sacramento City College. It then lists the top ten feeder high schools for each school, providing data on the enrollment trends of high school graduates with respect to a particular school. Results indicate that a little more than half of the new high school graduates attending American River College come from its top ten feeder schools, while 80.2% of Cosumnes' and 72.1% of Sacramento's come from their top ten feeder schools. These differences, as well as others discovered from the study, pose specific recruitment challenges for each of the Los Rios colleges. (YKH)

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High School Graduate Participation Rates: Proportions of Sacramento Area High School Graduates Enrolled in Los Rios Community College District

Fall 1996-1993

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Office of Institutional Research

HIGH SCHOOL GRADUATE PARTICIPATION RATES: PROPORTIONS OF SACRAMENTO AREA HIGH SCHOOL GRADUATES ENROLLED IN LOS RIOS COMMUNITY COLLEGE DISTRICT FALL 1996 – 1993

Executive Summary

February 1998

This is one in a new series of Los Rios Community College District (LRCCD) reports, profiling the enrollment patterns of recent high school graduates of the Greater Sacramento Metropolitan Area who attend Los Rios colleges. This summary and the full data report provides the District and its colleges – American River College (ARC), Cosumnes River College (CRC) and Sacramento City College (SCC) – with data on rates of participation by students who graduated from LRCCD's Sacramento area feeder high schools.

The full data report includes participation rates for *all* feeder high schools in the Greater Sacramento Metropolitan Area for Fall 1996 and back through Fall 1993. Additionally, it includes summary data on the top ten and top twenty-five feeder high schools. The data is sorted by Fall 1996 Los Rios enrollment, to best illustrate the most recent of the changing enrollment patterns of Sacramento area high school graduates. This executive summary reviews the top ten feeder high schools.

The cohort for this study includes those students enrolled at Los Rios colleges from Fall 1993 to Fall 1996 who are 19 years of age or younger, received a high school diploma and last attended high school in the year specified. Students whose enrollment status was defined as "special admit" (K-12) were excluded from this analysis. The high school graduate database files from the California Department of Education that were used for this report include aggregate data only on *those individuals who received high school diplomas*. Enrollment data from the Los Rios Community College District End of Semester Research Database files were used. Effective with this year's high school report, the data only includes those students enrolled who earned high school diplomas. As a consequence, the enrollment data for Fall 1995 differs from that reported in the Fall 1996 high school report; the Fall 1996 report included *all* students at Los Rios colleges who completed high school, not just those who received diplomas with their respective graduating class.

DISTRICT COMPOSITE

The top ten feeder high schools to Los Rios Community College District in Fall 1996 were Elk Grove, Kennedy, El Camino, McClatchy, Florin, Valley, Hiram Johnson (Main Campus), Mira Loma, Sacramento, and Del Campo. Participation rates from the top ten feeder schools to LRCCD experienced a 1.7% decline, from 39.6% of these high school graduates in Fall 1993 to 37.9% in Fall 1996. Los Rios enrollment proportions of graduates from the top twenty-five feeder high schools has remained relatively stable from Fall 1993 to Fall 1996, increasing slightly from 32.0% to 32.6%.

For nine of the top ten high schools, one-third or more of the high school graduates attended a Los Rios college in Fall 1996. The exception to this is the 26.8% of Hiram Johnson (Main Campus) graduates who attended a Los Rios college. However, when Hiram Johnson Main and West Campus graduates are

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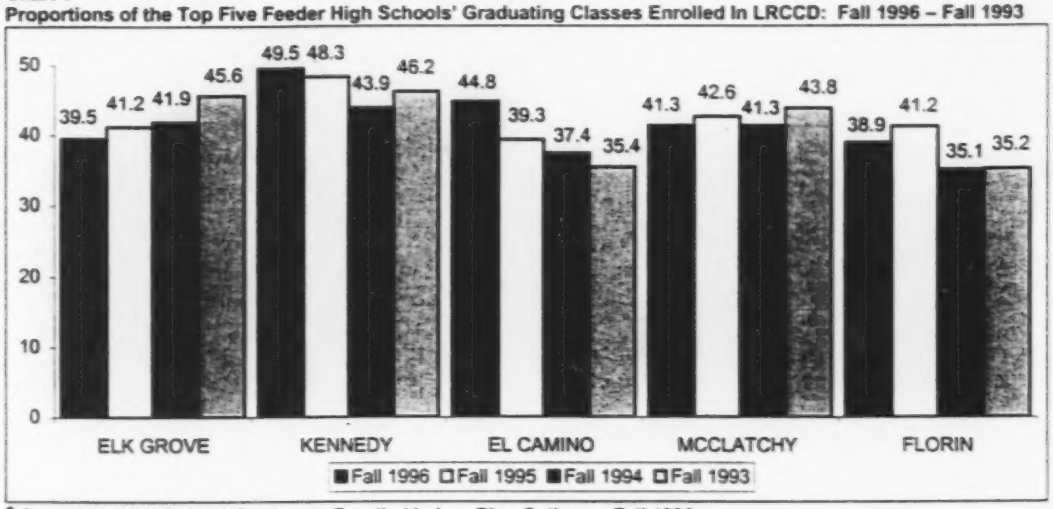
combined, 49.7% enrolled at a Los Rios college, an 11.6% increase in graduates enrolled over Fall 1993. The full data report details shifts in the high school graduate enrollment proportions from all individual Sacramento area high schools.

Chart 1 illustrates the four-year picture of Los Rios enrollment proportions of high school graduates from the top five feeder high schools. Elk Grove, the top Los Rios feeder high school, has declined in enrollment of the proportion of its graduating class at Los Rios colleges from 45.6% of high school graduates in Fall 1993 to 39.5% in Fall 1996. Comparatively, graduates enrolled from the second and third feeder schools have increased, Kennedy by 3.3%, (from 46.2% in Fall 1993 to 49.5% in Fall 1996) and El Camino, the third feeder school, by 9.4%, (from 35.4% in Fall 1993 to 44.8% in Fall 1996).

Chart 1
Proportions of the Top Five Feeder High Schools' Graduating Classes Enrolled In LRCCD: Fall 1996 – Fall 1993



*** Sorted by High School Graduates Enrolled in Los Rios Colleges, Fall 1996**

The most significant change in the proportion of graduates enrolled at LRCCD was from Sacramento High, whose graduate participation rates decreased from 51.1% in Fall 1993 to 39.3% in Fall 1996, an 11.8% decline.

Of those individuals who graduated from Sacramento area continuation, alternative and adult schools that issued diplomas, 20.0% enrolled at a Los Rios college in Fall 1996, a 5.3% increase from Fall 1993. Overall the *number* of high school graduates and those who become Los Rios enrollees are small from within this category, but the *proportions* of those graduates from individual schools who enrolled at a Los Rios college is at times significant. The top Los Rios continuation feeder school, Las Flores, has fluctuated from a low of 2.7% of graduates enrolled in Fall 1993 to a high of 15.8% for Fall 1995. Fall 1996 enrollment proportions of graduates from Las Flores were 11.8%. Over half of the graduates from Independence Continuation, enrolled at a Los Rios college in Fall 1995 and Fall 1996; Independence Continuation is the second largest continuation feeder school to the District.

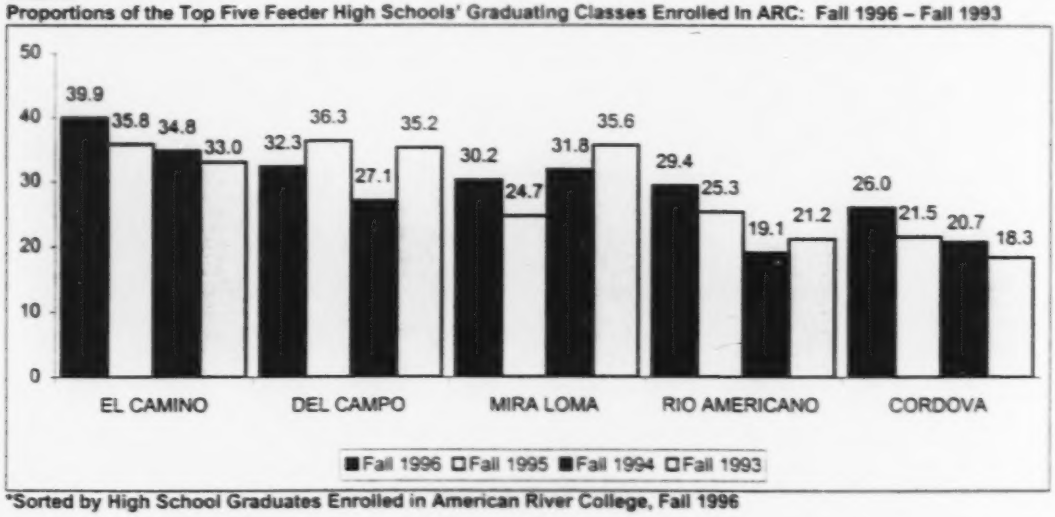
AMERICAN RIVER COLLEGE

The top ten feeder schools to ARC in Fall 1996 were El Camino, Del Campo, Mira Loma, Rio Americano, Cordova, San Juan, Foothill, Rio Linda, Casa Robles and Bella Vista. Graduates from the top ten feeder high schools made up 57.4% of the Fall 1996 ARC enrollment of 1996 high school graduates. The top 25 feeder schools comprised 89.3% of the Fall 1996 enrollment of 1996 high school graduates at ARC.

Chart 2 illustrates the four-year ARC participation rate of high school graduates from the top five feeder high schools to ARC. The proportion of high school graduates enrolled at ARC from El Camino, the top

feeder school, has increased from 33.0% in Fall 1993 to 39.9% in Fall 1996. Conversely, the proportion of high school graduates enrolling at ARC from the second and third highest feeder school has declined. High school graduate enrollment from Del Campo, the second highest feeder school, declined 2.9%, from 35.2% in Fall 1993 to 32.3% in Fall 1996. ARC enrollment of high school graduates from Mira Loma, the third highest feeder school, declined 5.4%, from 35.6% in Fall 1993 to 30.2% in Fall 1996.

Chart 2
Proportions of the Top Five Feeder High Schools' Graduating Classes Enrolled In ARC: Fall 1996 – Fall 1993



***Sorted by High School Graduates Enrolled in American River College, Fall 1996**

One of the more significant increases in high school graduate participation rates at ARC is from Encina, increasing from 30.4% in Fall 1993 to 40.7% in Fall 1996.

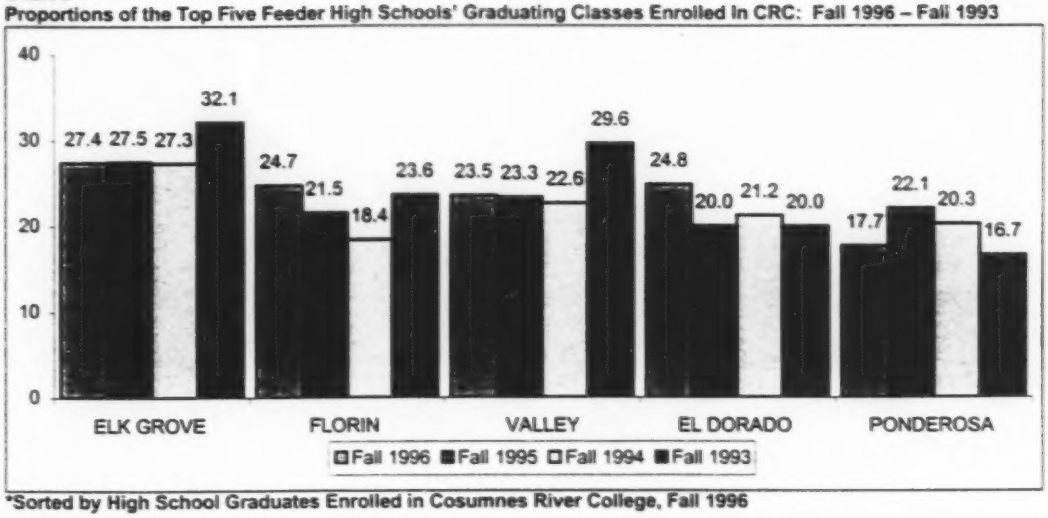
American River College enrolls the smallest proportion of graduates from alternative, continuation and adult schools that issue diplomas. The proportion of graduates from continuation schools issuing diplomas that enrolled at ARC has fluctuated very little from Fall 1993 (4.1%) compared to Fall 1996 (4.6%). The top continuation feeder school from this category was Kinney from which 15.4% of graduates enrolled at ARC in Fall 1996. American River College enrollment of graduates from the second continuation feeder school, La Entrada, was 29.4% in Fall 1996.

COSUMNES RIVER COLLEGE

The top ten feeder schools to CRC (and its two centers – Folsom Lake and El Dorado) in Fall 1996 were Elk Grove, Florin, Valley, El Dorado, Ponderosa, Kennedy, Oak Ridge, Galt, Burbank and Hiram Johnson (Main Campus). The overwhelming majority of 1996 high school graduates who enrolled in Fall 1996 is made up of the graduates from the top ten (80.2%) and twenty-five (97.2%) feeder high schools to CRC.

Of interest are changes in proportions of high school graduates enrolled at CRC from the top ten feeder schools. Chart 3 demonstrates the participation rates of the top five CRC feeder high schools over time.

Chart 3
Proportions of the Top Five Feeder High Schools' Graduating Classes Enrolled In CRC: Fall 1996 – Fall 1993



***Sorted by High School Graduates Enrolled in Cosumnes River College, Fall 1996**

Three schools have experienced steady declines in the participation rates of their graduates enrolled from Fall 1993 to Fall 1996: Elk Grove (from 32.1% to 27.4%), Oak Ridge (from 20.0% to 13.7%), and Hiram Johnson Main Campus (from 7.6% to 5.9%). The second CRC feeder school, Florin, experienced declining enrollment of the proportion of high school graduates from Fall 1993 (23.6%) to Fall 1994 (18.4%). But, CRC's enrollment from Florin has increased since this drop, to a high of 24.7% of graduates enrolled in Fall 1996. Participation rates from Valley declined sharply in Fall 1994 (by 7.0%), but proportions of graduates enrolled from Valley have stabilized since then. It is important to point out, however, that four high schools whose graduates attend CRC and SCC are among *both* institutions top ten feeder schools – Kennedy, Burbank, Florin and Elk Grove High schools. In some cases, a decline in participation rates at CRC is reflected as an increase at SCC.

Although CRC participation rates from other high schools declined during this four-year time period, of further significance are the increases of graduates enrolled at CRC from Fall 1995 to Fall 1996. An example is seen with Kennedy graduates, after a 5.3% decline in participation rates from Fall 1993 to 1995, the Fall 1996 rates increased by 4.3% over Fall 1995. Similarly, Galt graduate participation rates at CRC declined 3.8% over the three year period from Fall 1993 to 1995, but Fall 1996 proportion of Galt graduates enrolling at CRC increased to 14.8%, almost equivalent to 1993 levels. After experiencing a decline in participation rates from Burbank to a low of 8.3% in Fall 1995, Fall 1996 participation rates of Burbank graduates increased to 12.6%. High school graduates enrolled from El Dorado remained relatively steady from Fall 1993 to Fall 1995 (ranging from 20.0% to 21.2%), but increased in Fall 1996 to 24.8%.

CRC enrollment of graduates earning diplomas from area continuation, alternative and adult schools was 9.6% in Fall 1996. The top continuation feeder school for CRC was Las Flores, from which 8.1% of graduates enrolled in Fall 1996. Graduates who enrolled from the number two continuation feeder school, Independence, increased to 34.6% in Fall 1996 from 17.1% in Fall 1993.

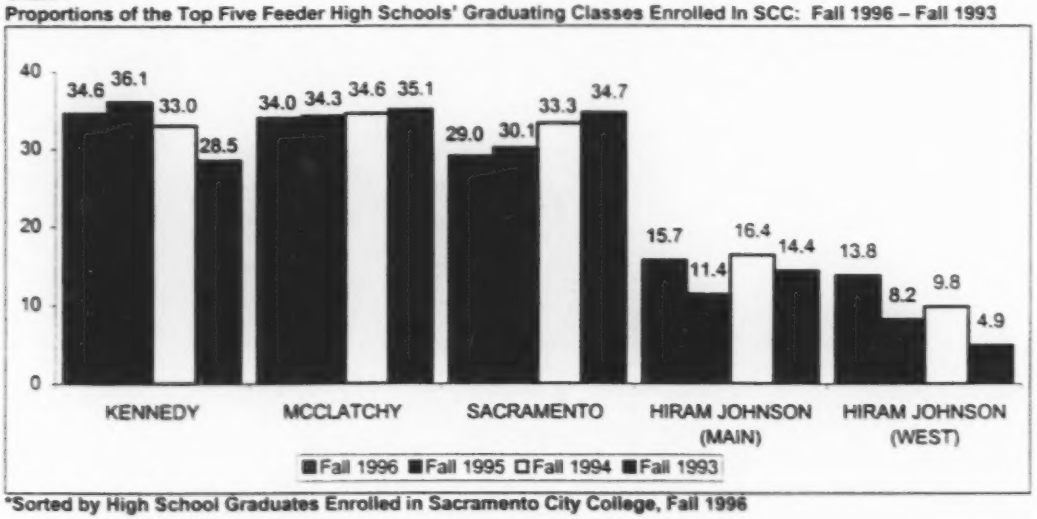
SACRAMENTO CITY COLLEGE

The top ten feeder schools to SCC in Fall 1996 were Kennedy, McClatchy, Sacramento, Hiram Johnson (Main Campus), Hiram Johnson (West Campus), Burbank, Florin, River City, Elk Grove and Davis. Graduates from the top ten feeder high schools made up 72.1% of the Fall 1996 SCC enrollment of 1996

high school graduates. The top 25 feeder schools comprised 92.5% of the Fall 1996 enrollment of 1996 high school graduates at SCC.

Chart 4 demonstrates the enrollment patterns of high school graduates from the top five SCC feeder high schools from Fall 1996 back through Fall 1993. Participation rates from the top SCC feeder high school, Kennedy, increased 6.1% from Fall 1993 (from 28.5%) to Fall 1996 (to 34.6%). The third highest feeder school, Sacramento, has experienced a steady decline in graduates enrolling at SCC over the past four years, from 34.7% in Fall 1993 to 29.0% in Fall 1996.

Chart 4
Proportions of the Top Five Feeder High Schools' Graduating Classes Enrolled In SCC: Fall 1996 – Fall 1993



***Sorted by High School Graduates Enrolled in Sacramento City College, Fall 1996**

SCC enrollment of graduates from Hiram Johnson's Main Campus has remained relatively stable, but enrollment of graduates from Hiram Johnson's West Campus has increased 8.9% over the four-year period under study (from 4.9% in Fall 1993 to 13.8% in Fall 1996). Increases in high school participation rates from Fall 1993 to Fall 1996 occurred from Burbank (by 6.9%), Florin (by 3.7%), El Grove (by 0.6%), and Davis, (by 2.5%). High school graduates enrolled from McClatchy declined slightly (by 1.1%) from Fall 1993 to Fall 1996, as did graduates enrolled from River City (by 3.1%).

In addition to the proportional increase in enrollment of Burbank graduates at SCC from Fall 1993 to Fall 1996 is the significant one-year increase from Fall 1995 to Fall 1996. After a decline in the proportions of graduates enrolled, Burbank participation rates at SCC increased from 14.5% in Fall 1995 to 23.8% in Fall 1996, a 9.3% increase. Conversely, although enrollment of graduates from Florin increased overall by 3.7% from Fall 1993 to Fall 1996, graduates enrolled decreased by 4.3% from Fall 1995 to Fall 1996.

Burbank is also one of CRC's top feeder high schools. Participation rates by this high school's graduates increased at *both* SCC and CRC. These increases have had a large impact on participation rates district-wide – increasing from 24.8% with the 1995 graduating class in Fall 1995 to 37.2% of the 1996 high school graduating class in Fall 1996. On the other hand, Florin High's participation rates decreased at SCC from Fall 1995 to Fall 1996 while increasing at CRC. A few feeder high schools are in fairly close proximity to both colleges, giving their graduates two good options if they wish to attend college close to home.

From the continuation, alternative and adult schools that issued diplomas, 6.8% of graduates enrolled at SCC in Fall 1996. The top continuation feeder school for SCC, Yolo High, enrolled 38.9% of its 1996 graduates in Fall 1996. SCC participation rates from William Daylor were 11.8% of the 1996 graduates in Fall 1996.

Summary Remarks

Reviewing the enrollment patterns of area high school students provides useful information for the Los Rios Community College District and its colleges as well as the Sacramento area high schools it serves. This summary report, as well as the full data report, provides participation rates by graduates of area high schools from Fall 1993 through Fall 1996, illustrating shifts during this time frame. This information may help Los Rios staff begin to identify the effectiveness of particular programs or marketing efforts that target the Sacramento area high school graduate population. Moreover, the report provides insights as to where participation rate growth and decline are occurring. Area high schools are also able to analyze the directional shifts in participation rates as they evaluate where their students go after high school graduation. This, coupled with other data on semester outcomes of their graduates helps them to provide useful information to upcoming graduates and their parents.

It is both interesting and important to note that American River College has far more feeder schools that produce the majority of new high school graduates enrolling there each Fall than is the case for Cosumnes River and Sacramento City colleges. Whereas a little more than half of the new high school graduates attending ARC (57.9%) come from its top ten feeder schools, 80.2% of CRC's come from its top ten, and 72.1% of SCC's come from its top ten. This suggests that recruitment efforts must be more widespread in area high schools within general proximity to ARC, while those of CRC and SCC can be focused on a smaller number of feeder schools.

Average participation rates of graduates from ARC's top ten feeder schools have been higher over time than is the case for the other two Los Rios colleges. Whereas American River's rate was 27.8% in Fall 1996, SCC's was 20.3% and CRC's was 18.2%.

Differences are also affected by the size of the feeder schools. High schools in close proximity to ARC are, on average, granting diplomas to fewer graduates than those in close proximity to CRC and SCC. And, ARC is capturing a substantially higher number of those students each Fall. Whereas the average number of 1996 graduates of the top ten feeder schools to ARC is 309, the average numbers are 365 and 376, in the case of CRC and SCC, respectively. None among ARC's top ten feeder schools have graduated over 400 students. Three high schools have in the case of SCC and two in the case of CRC. Clearly, SCC and CRC are located in the higher growth areas of greater Sacramento. This makes for very different recruitment challenges for the Los Rios colleges. Tracking and reporting changes in participation rates of area high schools at each Los Rios college over time will provide useful information to meet those recruitment challenges.

This report was written by Betty M. Glyer-Culver, Research Analyst, Office of Institutional Research. It is based on data generated by Minh La, Systems Hardware and Software Performance Analyst, from the LRCCD Research Database and from data generated from the Demographic Unit of the California State Department of Education Demographic database.

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